
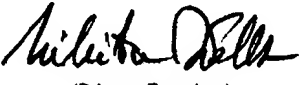



|                                                                                                                  |                 |                 |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--|
| <b>Issue Classification</b><br> | Application No. | Applicant(s)    |  |
|                                                                                                                  | 09/696,863      | YAMAZAKI ET AL. |  |
|                                                                                                                  | Examiner        | Art Unit        |  |
|                                                                                                                  | Nikita Wells    | 2881            |  |

| ISSUE CLASSIFICATION                                                                                              |          |  |  |                                                                                                         |                                   |        |      |                          |  |  |
|-------------------------------------------------------------------------------------------------------------------|----------|--|--|---------------------------------------------------------------------------------------------------------|-----------------------------------|--------|------|--------------------------|--|--|
| ORIGINAL                                                                                                          |          |  |  | CROSS REFERENCE(S)                                                                                      |                                   |        |      |                          |  |  |
| CLASS                                                                                                             | SUBCLASS |  |  | CLASS                                                                                                   | SUBCLASS (ONE SUBCLASS PER BLOCK) |        |      |                          |  |  |
| 250                                                                                                               | 492.21   |  |  | 250                                                                                                     | 492.2                             | 492.3  | 423R |                          |  |  |
| INTERNATIONAL CLASSIFICATION                                                                                      |          |  |  | 315                                                                                                     | 111.01                            | 111.21 |      |                          |  |  |
| H01J                                                                                                              | 37/317   |  |  |                                                                                                         |                                   |        |      |                          |  |  |
| H01L                                                                                                              | 21/265   |  |  |                                                                                                         |                                   |        |      |                          |  |  |
|                                                                                                                   | /        |  |  |                                                                                                         |                                   |        |      |                          |  |  |
|                                                                                                                   | /        |  |  |                                                                                                         |                                   |        |      |                          |  |  |
|                                                                                                                   | /        |  |  |                                                                                                         |                                   |        |      |                          |  |  |
| (Assistant Examiner) (Date)                                                                                       |          |  |  | <br>(Primary Examiner) |                                   |        |      | Total Claims Allowed: 29 |  |  |
| <br>(Legal Instruments Examiner) |          |  |  |                                                                                                         |                                   |        |      | O.G. Print Claim(s)<br>1 |  |  |
| 11/24/03 (Date)                                                                                                   |          |  |  | 11/19/03 (Date)                                                                                         |                                   |        |      |                          |  |  |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          |  |       | <input checked="" type="checkbox"/> CPA |  |       |          |  |       |          |  |       |          | <input type="checkbox"/> T.D. |       |          |  |       |          |  |       |          |  | <input type="checkbox"/> R.1.47 |          |  |       |          |  |       |          |  |  |
|----------------------------------------------------------------------------------------|----------|--|-------|----------|--|-------|----------|--|-------|-----------------------------------------|--|-------|----------|--|-------|----------|--|-------|----------|-------------------------------|-------|----------|--|-------|----------|--|-------|----------|--|---------------------------------|----------|--|-------|----------|--|-------|----------|--|--|
| Final                                                                                  | Original |  | Final | Original |  | Final | Original |  | Final | Original                                |  | Final | Original |  | Final | Original |  | Final | Original |                               | Final | Original |  | Final | Original |  | Final | Original |  | Final                           | Original |  | Final | Original |  | Final | Original |  |  |
|                                                                                        | 1        |  |       | 31       |  | 23    | 61       |  |       | 91                                      |  |       | 121      |  |       | 151      |  |       | 181      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 2        |  |       | 32       |  | 24    | 62       |  |       | 92                                      |  |       | 122      |  |       | 152      |  |       | 182      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 3        |  |       | 33       |  | 25    | 63       |  |       | 93                                      |  |       | 123      |  |       | 153      |  |       | 183      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 4        |  |       | 34       |  | 26    | 64       |  |       | 94                                      |  |       | 124      |  |       | 154      |  |       | 184      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 5        |  |       | 35       |  | 27    | 65       |  |       | 95                                      |  |       | 125      |  |       | 155      |  |       | 185      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 6        |  |       | 36       |  | 28    | 66       |  |       | 96                                      |  |       | 126      |  |       | 156      |  |       | 186      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 7        |  |       | 37       |  | 29    | 67       |  |       | 97                                      |  |       | 127      |  |       | 157      |  |       | 187      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 8        |  |       | 38       |  |       | 68       |  |       | 98                                      |  |       | 128      |  |       | 158      |  |       | 188      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 9        |  |       | 39       |  |       | 69       |  |       | 99                                      |  |       | 129      |  |       | 159      |  |       | 189      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 1                                                                                      | 10       |  |       | 40       |  |       | 70       |  |       | 100                                     |  |       | 130      |  |       | 160      |  |       | 190      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 11       |  |       | 41       |  |       | 71       |  |       | 101                                     |  |       | 131      |  |       | 161      |  |       | 191      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 12       |  |       | 42       |  |       | 72       |  |       | 102                                     |  |       | 132      |  |       | 162      |  |       | 192      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 13       |  |       | 43       |  |       | 73       |  |       | 103                                     |  |       | 133      |  |       | 163      |  |       | 193      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 14       |  |       | 44       |  |       | 74       |  |       | 104                                     |  |       | 134      |  |       | 164      |  |       | 194      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 15       |  |       | 45       |  |       | 75       |  |       | 105                                     |  |       | 135      |  |       | 165      |  |       | 195      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 16       |  | 8     | 46       |  |       | 76       |  |       | 106                                     |  |       | 136      |  |       | 166      |  |       | 196      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 17       |  | 9     | 47       |  |       | 77       |  |       | 107                                     |  |       | 137      |  |       | 167      |  |       | 197      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 18       |  | 10    | 48       |  |       | 78       |  |       | 108                                     |  |       | 138      |  |       | 168      |  |       | 198      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 19       |  | 11    | 49       |  |       | 79       |  |       | 109                                     |  |       | 139      |  |       | 169      |  |       | 199      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 20       |  | 12    | 50       |  |       | 80       |  |       | 110                                     |  |       | 140      |  |       | 170      |  |       | 200      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 2                                                                                      | 21       |  | 13    | 51       |  |       | 81       |  |       | 111                                     |  |       | 141      |  |       | 171      |  |       | 201      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 3                                                                                      | 22       |  | 14    | 52       |  |       | 82       |  |       | 112                                     |  |       | 142      |  |       | 172      |  |       | 202      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 23       |  | 15    | 53       |  |       | 83       |  |       | 113                                     |  |       | 143      |  |       | 173      |  |       | 203      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 4                                                                                      | 24       |  | 16    | 54       |  |       | 84       |  |       | 114                                     |  |       | 144      |  |       | 174      |  |       | 204      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 5                                                                                      | 25       |  | 17    | 55       |  |       | 85       |  |       | 115                                     |  |       | 145      |  |       | 175      |  |       | 205      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 6                                                                                      | 26       |  | 18    | 56       |  |       | 86       |  |       | 116                                     |  |       | 146      |  |       | 176      |  |       | 206      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 27       |  | 19    | 57       |  |       | 87       |  |       | 117                                     |  |       | 147      |  |       | 177      |  |       | 207      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
| 7                                                                                      | 28       |  | 20    | 58       |  |       | 88       |  |       | 118                                     |  |       | 148      |  |       | 178      |  |       | 208      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 29       |  | 21    | 59       |  |       | 89       |  |       | 119                                     |  |       | 149      |  |       | 179      |  |       | 209      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |
|                                                                                        | 30       |  | 22    | 60       |  |       | 90       |  |       | 120                                     |  |       | 150      |  |       | 180      |  |       | 210      |                               |       |          |  |       |          |  |       |          |  |                                 |          |  |       |          |  |       |          |  |  |